HAT BANGALORE MAHANAGARA PALIKE

Office Of The executive engineer(ele) Dasarahalli Zone

SCHEDULE-B

Name of Work:- Providing LED Lights at Mallasandra Ward No 13.

Sl. No.	Qty.	Description of Work	Unit	Rate Rs.	Rupes in Words
1	36	LED Street light.Supply of LED Streetlight with pressure die cast aluminum housing body with optimal heat sink for better thermal dissipation. Diffuser with Injection moulded & is made of polycarbonate material with high transmission index, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminare > IK08. Power Factor >0.9 with mains Current should not be greater than 0.1A to 0.7A & Surge Protection- Min 4KV along with Over voltage/Overload, short circuit/ miswiring protection. Compatible for pole mounting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Over load & Short circuit protection ensures reliable operation in spite of problem in output side. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with .....W System Power consumption. LED Efficiency>130lm/w at 1W & Fixture Efficiency >80lm/w with nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008 . Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 5 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED source manufacture. Suitable for B1/B2 Roads as per IS 1944 Part I & Part II.LED Streetlight 65watts	Nos	18720.00	Rupees Eighteen Thousand Seven Hundred and Twenty Only
2	10	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. (Icu = Ics) THREE POLE 100Amps 25kA.	Nos	4044.00	Rupees Four Thousand and Forty Four Only
3	10	Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop-In & Loop-Out terminals for 10 Sqmm / 25 Sqmm 3.5 C Al/Ar / Cu/Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets.200mmx200mmx98mm	Nos	2178.00	Rupees Two Thousand One Hundred and Seventy Eight Only
4	20	Fixing halogen/metal halide / SVL / IL / LED floodlight fitting over existing pole / wall ceiling including clamps, bolts, nuts and wiring using suitable capacity wires.	Nos	176.00	Rupees One Hundred and Seventy Six Only
5	34	Supplying and Fixing of.....mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluorescent tube street light fitting of all capacities to GI or CI or rail or RCC pole / wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wiresUsing 32mm dia G.I.pipe.	Nos	893.00	Rupees Eight Hundred and Ninety Three Only
6	30	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes.25 sqmm Long Barrel	Nos	20.59	Rupees Twenty Only Paise Fifty Eight Only
7	10	Supply and erection of .....Mtr RCC Pole including earth work etc,. complete as per the standard technical specification of BESCOM 9Mtr/145Kg WL	Nos	8029.00	Rupees Eight Thousand and Twenty Nine Only

EXECUTIVE ENGINEER
KRIDL, BBMP DIVISION
BENGALURU-560 010

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8	400	Supplying of 1.1KV grade Aerial Bunched Cable Stranded & Compacted Aluminum Phase Conductor, and Stranded Messenger Conductor with all aluminum Alloy, Phase Conductor is insulated with XLPE Compound, insulated Messenger with specified IS-14255:1995 & confirming to GTP of GROUP-A.2 X 16 + 1 X 25 SQ.MM	Mtrs	92.00	Rupees Ninety Two Only
9	6	Supplying and Fixing ..... including all Hardware's etc. complete as per the standard technical specification of BESCOM RCC Clamp	Nos	84.00	Rupees Eighty Four Only
10	10	Supplay of 2 Pin Cross Arm with pole clamp, bolt & nuts & washers for RCC Pole - MS	Nos	162.00	Rupees One Hundred and Sixty Two Only
11	10	Suspension clamp suitable for insulated Messsenger wire of size 25 to 95Sq mm	Nos	325.00	Rupees Three Hundred and Twenty Five Only
12	10	Universal Hook and Bolts & Nuts	Nos	305.00	Rupees Three Hundred and Five Only
13	4	Dead End Clamp/Anchor Clamp Assembly 16 to 70 Sqmm Bare Messenger(Exclusive of pole clamp and eye hook)	Nos	200.00	Rupees Two Hundred Only
14	10	Erection of Suspension Clamp - 25 to 95 sqmm bare messenger	Nos	115.00	Rupees One Hundred and Fifteen Only
15	4	Fixing of Universal Hook/Dead end clamp	Nos	115.00	Rupees One Hundred and Fifteen Only
16	10	Fixing of 2 Pin cross arm with insulator and Braces fixing	Nos	96.00	Rupees Ninety Six Only
17	5	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint.40x40x6mm	Mtrs	263.00	Rupees Two Hundred and Sixty Three Only

I am prepared to take up the above Work at The rates mentioned in The Schedule-B

EXECUTIVE ENGINEER-4
KR.PURAM DIVISION
BENGALURU-560 010

Sign of the contractor

Executive Engineer(Ele)
Bruhat Bangalore Maha Nagara Palike
Dasarahalli zone

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